

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

1 (Currently amended). A DNA sequence coding for a low molecular weight phospholipase A₂ with distinct acyl specific for uncommon fatty acids, comprising a nucleotide sequence coding for an amino acid sequence with essential homology to *Ulmus glabra* phospholipase A₂ as presented in Fig. 7 or amino acid sequences essentially homologous to those encoded by the rice cDNA clones D49050 (SEQ ID NO:13), D47724 (SEQ ID NO:11), D47653 (SEQ ID NO:12) ~~as presented in Fig. 6 and 7.~~

2 (Original). A method of accumulating uncommon fatty acids in the triacylglycerols of oil seeds, oleogeneous yeasts and moulds; comprising removing said uncommon fatty acids from the membrane lipids of said seeds, yeasts and moulds by introducing, into the genome of said seeds, yeasts and moulds, a DNA sequence according to claim 1.

3 (Original). A method of accumulating uncommon fatty acids in the triacylglycerols of oil seeds, oleogenous yeasts and moulds comprising: removing said unclommon fatty acids from the membrane lipid of said seeds, yeasts and moulds, by introducing, into the genome of said seed, yeasts and moulds, a DNA sequence according to claim 1, together with a gene for an uncommon fatty acid such as medium chain, very long chain, hydroxy, epoxy and acetylenic acids.

4 (Original). A method according to claim 2 wherein said seeds, yeasts and moulds are transgeneic oil accumulating

organisms engineered to produce an uncommon fatty acid, such as medium chain, long chain, hydroxy, epoxy and acetylenic acids.

5 (Original). A method according to claim 2, wherein said seeds, yeasts and moulds are crossed with transgenic oil accumulating organisms engineered to produce an uncommon fatty acid.

6 (Original). A method according to claim 2, wherein said phospholipase A₂ enzyme has specificity for octanoic (8:0), decanoic (10:0), and dodecanoic (12:0) acids

7 (Original). Transgenic oil accumulating organisms comprising, in their genome, a low molecular weight phospholipase A₂ gene having specificity for a particular uncommon fatty acid, and the gene for said uncommon fatty acid.

8 (Original). Transgenic organisms according to claim 7, which are selected from the group consisting of oil crops, yeasts, and moulds.

9 (Original). A method of obtaining oils, comprising accumulation of oils in organisms according to claim 7.

10 (Original). Oils obtainable by the method according to claim 9.